



11/06/01

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1855-1930W.K. Richardson  
1859-195111-26-01  
FISH & RICHARDSON P.C.

November 6, 2001

Attorney Docket No.: 10578-003002

**Box Patent Application**  
Commissioner for Patents  
Washington, DC 20231225 Franklin Street  
Boston, Massachusetts  
02110-2804Telephone  
617 542-5070Facsimile  
617 542-8908Web Site  
www.fr.com

Presented for filing is a new continuation patent application of:

Applicant: WILLIAM B. KERFOOT

Title: GAS-GAS-WATER TREATMENT SYSTEM FOR GROUNDWATER  
AND SOIL REMEDIATIONEnclosed are the following papers, including those required to receive a filing date  
under 37 CFR §1.53(b):

	<u>Pages</u>
Specification	33
Claims	3
Abstract	1
Declaration	5
Drawing(s)	41

Enclosures:

- Copies of Revocation and New Power of Attorney, which were filed in the parent application. Please enter these in this application.
- Preliminary amendment, 4 pages.
- Small entity statement. This application is entitled to small entity status.
- Postcard.

## CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EL 485518562US

I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit 11-6-01Signature Leroy JenkinsTyped or Printed Name of Person Signing Certificate Leroy Jenkins

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FISH & RICHARDSON P.C.

Commissioner for Patents  
November 6, 2001  
Page 2

This application is a continuation (and claims the benefit of priority under 35 USC 120) of U.S. application serial no. 08/921,763, filed August 26, 1997. The disclosure of the prior application is considered part of (and is incorporated by reference in) the disclosure of this application.

Basic filing fee	\$370
Total claims in excess of 20 times \$9	\$0
Independent claims in excess of 3 times \$42	\$0
Fee for multiple dependent claims	\$0
Total filing fee:	\$370

A check for the filing fee is enclosed. Please apply any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number shown above.

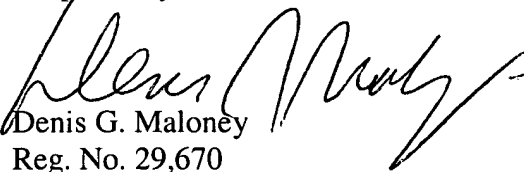
If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (617) 542-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please send all correspondence to:

DENIS G. MALONEY  
Fish & Richardson P.C.  
225 Franklin Street  
Boston, Massachusetts 02110-2804

Respectfully submitted,

  
Denis G. Maloney  
Reg. No. 29,670  
Enclosures  
DGM/  
20341670.doc

FOOTNOTES

The Law Offices Of  
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Letter Ref: 568D  
File Ref: 29051



August 26, 1997

Hon. Commissioner of Patents  
and Trademarks  
Washington, D. C. 20231

RE: U. S. Patent Application of William B. Kerfoot, Ph.D.  
Title: GAS-GAS-WATER TREATMENT SYSTEM FOR GROUNDWATER  
AND SOIL REMEDIATION

Dear Sir:

Transmitted herewith is a new patent application entitled, " GAS-GAS-WATER  
TREATMENT SYSTEM FOR GROUNDWATER AND SOIL REMEDIATION". The  
inventor is William B. Kerfoot, Ph.D.

Attached herewith are the title page and specification ( 33 pages),  
claims (3 pages), abstract (1 page), and drawings, Figs. 1-40, (23 sheets), plus small entity  
statement, (2 pages), declaration and power of attorney and added pages, (6 pages), cover sheet,  
(1 page), transmittal letter in duplicate, fee in the amount of \$365.00, (Check No. 7244), and a  
return postcard. Since the fee is insufficient, the balance of \$10.00 may be charged to the account  
of the undersigned, Deposit Account: 11-0060.

If the enclosed papers are considered incomplete, the Mail Room and/or the  
Application Branch is respectfully requested to contact the undersigned collect at (508) 477-3772,  
Mashpee, Massachusetts.

This letter is being filed in duplicate.

Respectfully submitted,

Thomas A. Kahrl  
Attorney for the Applicant  
Reg. # 28,225

HONORABLE COMMISSIONER OF PATENT AND TRADEMARKS  
Washington, D. C. 20231

Sir:

Transmitted herewith for filing is the patent application which is a CONTINUATION -IN PART application:

INVENTOR: William B Kerfoot, Ph.D.

FOR: GAS-GAS-WATER TREATMENT SYSTEM FOR GROUNDWATER AND SOIL REMEDIATION

Jc997 U.S. PTO  
09/993152  
11/06/01

Enclosed are:

☒ 23 sheets(s) of drawing.

☐ An assignment of the invention to: \_\_\_\_\_

☒ A verified statement to establish small entity status under 37 C.F.R. 1.9 and 37 C.F.R. 1.27.

☐ Information Disclosure Statement.

☒ Declaration and Power of Attorney plus added pages (6 pages).

☒ Other: Transmittal Letter in duplicate, postcard and fee in the amount of \$365.00 (ck. no. 7244)

☒ The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
FOR:	No. Filed	No. Extra
BASIC FEE		
TOTAL CLAIMS	1-20 =	0
INDEPENDENT CLAIMS	1-3 =	0
MULTIPLE DEPENDENT CLAIMS PRESENTED		

If the difference in Col. 1 is less than zero, enter "0" in Col. 2

SMALL ENTITY	
RATE	FEE
	\$ 375.00
	\$ 0
	\$ 0
	\$ 0
TOTAL	\$375.00

OTHER THAN A SMALL ENTITY	
RATE	FEE
	\$ 730.00
	\$ 0
	\$ 0
	\$ 0
TOTAL	\$ 0

☒ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \$10.00 \_\_\_\_\_.

☒ A check in the amount of \$ 365.00 (ck. no. 7244) \_\_\_\_\_ to cover the filing fee is enclosed.

☐ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 11-0060

Any additional fees required under 37 C.F.R. § 1.16

Any patent application processing fees under 37 C.F.R. § 1.17

☐ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No.

Any patent application processing fees under 37 C.F.R. § 1.17.

Any filing fees under 37 C.F.R. § 1.16 for presentation of extra claims.

Thomas A. Kahrl  
Madaket Place, Suite 7A, 766 Falmouth Road  
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Date: August 26, 1997

By: Thomas A. Kahrl

Registration No. 28.225